JOURNAL OF PATHOLOGY, VOLUME 116

INDEX OF SUBJECTS

PAGE

ALCIAN BLUE-PHLOXINE method for the gross demonstration of squamous metaplasia in the larynx . . . 31
AMPROLIUM poisoning of preruminant lambs: an investigation of the encephalopathy and the haemorrhagic and diarrhoeic syndromes . . . 73
ATHEROMA, phagocytes, lipid-removal and regression of atheroma . . . 225
ATRIOCAVAL EPITHELIAL MESOTHELIOMA, primary epithelial tumour in the right atrium of the heart and inferior vena cava in NZR/Gd inbred rats; pathology of 18 cases . . . 239

BASOPHIL, changes in cell numbers following infection of thymectomised and adoptively or passively immunised guinea-pigs. Studies of the responses of basophil and eosinophil leucocytes and mast cells to the nematode *trichostrongylus colubriformis* . . 183
observations during the expulsion of first and second infections by guinea-pigs. Studies of the responses of basophil and eosinophil leucocytes and mast cells to the nematode *Trichostrongylus colubriformis* 51
BIORHYTHM in human osteogenesis. Bone growth kinetics, a preliminary investigation 13
BLOOD TRANSFUSION iron overload, relationship between tissue iron concentration and hepatic fibrosis in thalassaemia 83
BONE, cancellous from the human sternum, scanning electron micrographs . . 213
growth kinetics, a preliminary investigation on a biorhythm in human osteogenesis 13
BRAIN tumours induced transplacentally by N-ethyl-N-nitrosourea in rats, an electron-microscope study of macrophages 107
BREAST, extramedullary plasmacytoma . 97
BRONCHI, histochemical identification of glycoproteins in pig bronchial epithelium: (*a*) normal, and (*b*) in hypertrophied epithelium from enzootic pneumonia 1

PAGE

CARCINOMA, Gaucher's disease associated with chronic lymphocytic leukaemia, gout and carcinoma . . . 203
CARRAGEENAN-induced pleurisy in rats . 117
CELL(S), electron-microscope study of the mode of cell death induced by four cancer-chemotherapeutic agents, each with a different mechanism of chemical action 129
experiments to investigate the role of the immune response in the generation of the increased numbers of basophils, eosinophils and mast cells in guinea-pigs following infection with *Trichostrongylus colubriformis* . . . 183
mononuclear cell turnover, histopathological aspects of the response of the newborn rat to injury . . . 195
CHEMOTHERAPY for cancer in populations of proliferating normal and neoplastic cells, an electron-microscopic study of the mode of cell death . . . 129
CHOLESTASIS and cholesterol crystals in a drug addict with clinically relapsing serum hepatitis 47
CHOLESTEROL crystals and intracytoplasmic cholestasis in a drug addict with clinically relapsing serum hepatitis . 47
CHONDROID SYRINGOMA, leiomyosarcoma of the saphenous vein . . . 37
COLON, Gaucher's disease associated with chronic lymphocytic leukaemia, gout and carcinoma 203

DIARRHOEA, amprolium poisoning of preruminant lambs: an investigation of the encephalopathy and the haemorrhagic and diarrhoeic syndromes . 73
DOG(S), mediastinal neuroblastoma and a retroperitoneal ganglioneuroma occurring in young dogs . . . 209
DRUG ADDICTION, viral hepatitis with intracytoplasmic cholestasis and cholesterol crystals . . . 47

ELECTRON-MICROSCOPE STUDY, cancellous bone from the human sternum . . 213
experimental paracetamol-induced hepatic necrosis 17
leiomyosarcoma of the saphenous vein . 37

PAGE

ELECTRON-MICROSCOPE STUDY, macrophages in brain tumours induced transplacentally by N-ethyl-N-nitrosourea in rats 107
mode of cell death induced by cancer-chemotherapeutic agents in populations of proliferating normal and neoplastic cells 129
morphometric studies of acute puromycin aminonucleoside nephropathy in rats 149
pathology of type II skeletal muscle glycogenosis 139
ENCEPHALOPATHY and the haemorrhagic and diarrhoeic syndromes in amprolium poisoning of preruminant lambs 73
EOSINOPHIL and basophil leucocyte and mast cell response to the nematode *Trichostrongylus colubriformis*, changes in cell numbers following infection of thymectomised and adoptively or passively immunised guinea-pigs . 183
and basophil leucocyte and mast cell response to the nematode *Trichostrongylus colubriformis*, observations during the expulsion of first and second infections by guinea-pigs . 51
N-ETHYL-N-NITROSOUREA, electron-microscope study of brain tumours induced transplacentally in rats . . . 107

FIBROSARCOMA, structural and functional characteristics of the microcirculation in neoplasms 65
FIBROSIS of liver and tissue iron concentration, relationship assessed morphometrically in 52 liver specimens obtained from 19 patients with homozygous beta-thalassaemia . . 83

GAUCHER'S DISEASE associated with chronic lymphocytic leukaemia, gout and carcinoma 203
GLYCOGENOSIS, pathology of type II skeletal muscle studied by light and electron microscopy 139
GLYCOPROTEINS identified histochemically in normal pig bronchial epithelium and in hypertrophied bronchial epithelium from enzootic pneumonia 1
GOUT in association with Gaucher's disease 203
GROWTH of bone investigated on a biorhythm in human osteogenesis . . 13
GUINEA-PIG(S) thymectomised and adoptively or passively immunised, studies of the responses of basophil and eosinophil leucocytes and mast cells to the nematode *Trichostrongylus colubriformis* observing changes in cell numbers following infection . . 183
Trichostrongylus colubriformis infection, observations during the expulsion of first and second infections with responses of basophil and eosinophil leucocytes and mast cells studied . 51

HAEMORRHAGE and diarrhoea syndromes and encephalopathy investigated in amprolium poisoning of preruminant lambs 73
HEART, primary epithelial tumour in the right atrium and inferior vena cava in NZR/Gd inbred rats, pathology of 18 cases 239
HEPATITIS, viral with intracytoplasmic cholestasis and cholesterol crystals in a drug addict 47
HISTOCHEMISTRY, experimental paracetamol-induced hepatic necrosis 17
identification of glycoproteins in normal pig bronchial epithelium and in hypertrophied bronchial epithelium from enzootic pneumonia . . . 1
liver lesion induced by 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (dioxin) in rats 101
phagocytes, lipid-removal and regression of atheroma 225

IMMUNISATION of guinea-pigs, studies of the responses of basophil and eosinophil leucocytes and mast cells to the nematode *Trichostrongylus colubriformis* observing changes in cell numbers 183
INFLAMMATION, histopathological aspects and mononuclear cell turnover in the response of the newborn rat to injury 195
vascular and humoral aspects in the response of the newborn rat to injury 165
INJURY to newborn rat observing histopathological aspects and mononuclear cell turnover 195
to newborn rat observing vascular and humoral aspects 165
IRON overload, relationship between tissue iron concentration and hepatic fibrosis in thalassaemia 83

LAMB(S) preruminant with amprolium poisoning, an investigation of the encephalopathy and the haemorrhagic and diarrhoeic syndromes . . 73
LARYNX, gross demonstration of squamous metaplasia using an alcian blue-phloxine method 31
LEIOMYOSARCOMA of the saphenous vein . 37

PAGE

LEUCOCYTE, studies of the responses of basophil and eosinophil leucocytes and mast cells to the nematode *Trichostrongylus colubriformis* during the expulsion of first and second infections by guinea-pigs 51
LEUKAEMIA, gout and carcinoma associated with Gaucher's disease . . . 203
LIPIDS, phagocytes, lipid-removal and regression of atheroma . . . 225
LIVER, experimental paracetamol-induced hepatic necrosis, a light- and electron-microscope and histochemical study . 17
histochemical study of the liver lesion induced by 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (dioxin) in rats . . 101
transfusional iron overload, relationship between tissue iron concentration and hepatic fibrosis in thalassaemia . 83
LYMPHOCYTE(S), Gaucher's disease associated with chronic lymphocytic leukaemia, gout and carcinoma . . 203

MACROPHAGES in brain tumours induced transplacentally by N-ethyl-N-nitrosourea in rats, an electron-microscope study 107
MAST CELLS and basophil and eosinophil leucocytes, responses to the nematode *Trichostrongylus colubriformis*, observations during the expulsion of first and second infections by guinea-pigs 51
studies of the responses of basophil and eosinophil leucocytes and mast cells to the nematode *Trichostrongylus colubriformis* observing changes in cell numbers following infection of thymectomised and adoptively or passively immunised guinea-pigs . 183
MENINGIOMA, mixed mesenchymal differentiation 253
METAPLASIA squamous in the larynx, gross demonstration using an alcian blue-phloxine method 31
MICROCIRCULATION in neoplasms, structural and functional characteristics . . 65
MONOCYTE(S), response of the newborn rat to injury, histopathological aspects and mononuclear cell turnover . 195
MORPHOMETRY, combined light and electron-microscope morphometric studies of acute puromycin aminonucleoside nephropathy in rats . 149
scanning electron micrographs of cancellous bone from the human sternum 213
transfusional iron overload, the relationship between tissue iron concentration and hepatic fibrosis in thalassaemia . 83

PAGE

MUSCLE(S), electron-microscope study of the mode of cell death induced by cancer-chemotherapeutic agents in populations of proliferating normal and neoplastic cells . . . 129

NECROSIS hepatic experimentally produced by paracetamol and studied by light and electron microscopy . . 17
NEMATODA, studies of the responses of basophil and eosinophil leucocytes and mast cells to the nematode *Trichostrongylus colubriformis*, observations during the expulsion of first and second infections by guinea-pigs . . . 51
studies of the responses of basophil and eosinophil leucocytes and mast cells to the nematode *Trichostrongylus colubriformis* observing changes in cell numbers following infection of thymectomised and adoptively or passively immunised guinea-pigs . 183
NEONATE, histopathological investigations of skin lesions induced by subcutaneous implantation of glass coverslips carried out in rats aged between birth and adulthood, differences between the cellular reactions . . . 195
investigations both quantitatively and qualitatively into the inflammatory reaction of rats to various irritants and its relationship to the lack of vascular permeability 165
NEPHROTIC SYNDROME, combined light and electron-microscope morphometric studies of acute puromycin aminonucleoside nephropathy in rats . 149
NEUROBLASTOMA, description of two malignant canine tumours of peripheral neuronal tissue 209

OSTEOGENESIS, bone growth kinetics, preliminary investigation on a biorhythm in humans 13

PARACETAMOL-induced hepatic necrosis, a light-and electron-microscope and histochemical study . . . 17
PHAGOCYTES, lipid-removal and regression of atheroma 225
PIG(S), histochemical identification of glycoproteins in bronchial epithelium in normal conditions and in hypertrophy from enzootic pneumonia . 1
PLASMACYTOMA, extramedullary, of the breast 97
PLEURISY, carrageenan-induced in rats . 117

PAGE

PNEUMONIA, histochemical identification of glycoproteins in normal pig bronchial epithelium and in hypertrophied bronchial epithelium from enzootic pneumonia 1
POMPE'S DISEASE, pathology of type II skeletal muscle glycogenosis, light and electron-microscopic study . . 139
PROTEINURIA, combined light and electron-microscope morphometric studies of acute puromycin aminonucleoside nephropathy in rats . . . 149
PUROMYCIN AMINONUCLEOSIDE, morphometric observations on rats injected subcutaneously daily, correlation of morphological alterations of various glomerular components with biochemical manifestations of the nephrotic syndrome . . . 149

RAT(S), carrageenan-induced pleurisy . 117
combined light and electron-microscope morphometric studies of acute puromycin aminonucleoside nephropathy 149
electron-microscope study of macrophages in brain tumours induced transplacentally by N-ethyl-N-nitrosourea 107
experimental paracetamol-induced hepatic necrosis, light-and electron-microscope and histochemical study . 17
histochemical study of the liver lesion induced by 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (dioxin) 101
primary epithelial tumour in the right atrium of the heart and inferior vena cava in NZR/Gd inbred rats, pathology of 18 cases 239
response of newborn to injury, histopathological aspects and mononuclear cell turnover 195
response of newborn to injury, vascular and humoral aspects . . . 165
structural and functional characteristics of the microcirculation in neoplasms 65
REVIEWS OF BOOKS—
Techniques in neurohistology (Heather M. Ralis, R. A. Beesley and Z. A. Ralis) 61
Mucosal biopsy of the gastrointestinal tract (Richard Whitehead) . . 61
Cowan and Steel's manual for the identification of medical bacteria (S. T. Cowan) 62
Manual of clinical microbiology (ed. by Edwin H. Lennette, Earle H. Spaulding and Joseph P. Truant) . 62
Opportunist pathogens (ed. by James E. Prier and Herman Friedman) . . 125
Tissue interactions in carcinogenesis (ed. by Tarin) 125
Immunopathology of the skin: labelled antibody studies (ed. by E. H. Beutner, T. P. Chorzelski, S. F. Bean and R. E. Jordon) 126
Progress in allergy (ed. by Paul Kallos, Byron H. Waksman and Alain de Weck) 126
The application of comparative morphology in the identification of intestinal parasites (John W. Moose) 127

STAINING TECHNIQUES, an alcian blue-phloxine method for the gross demonstration of squamous metaplasia in the larynx 31

2,3,7,8-TETRACHLORODIBENZO-*p*-DIOXIN administered orally to rats, histochemical study of liver injury . . 101
THALASSAEMIA, transfusional iron overload, relationship between tissue iron concentration and hepatic fibrosis in thalassaemia 83
THIGH, leiomyosarcoma of the saphenous vein 37
malignant chondroid syringoma, report of a case with electron microscopy of the tumour 43
THYMUS, changes in cell numbers following infection of thymectomised and adoptively or passively immunised guinea-pigs, studies of the responses of basophil and eosinophil leucocytes and mast cells to the nematode *Trichostrongylus colubriformis* . . 183
TUMOURS, ANIMAL, GENERAL, electron-microscopic study of the mode of cell death induced by cancer-chemotherapeutic agents in populations of proliferating normal and neoplastic cells 129
structural and functional characteristics of the microcirculation in neoplasms 65
TUMOURS, ANIMAL, INDIVIDUAL, macrophages in brain tumours induced transplacentally by N-ethyl-N-nitrosourea in rats, an electron-microscope study 107
neuroblastoma in the dog . . 209
primary epithelial tumour in the right atrium of the heart and inferior vena cava in NZR/Gd inbred rats, pathology of 18 cases 239
TUMOURS, HUMAN, INDIVIDUAL, extramedullary plasmacytoma of the breast 97
leiomyosarcoma of the saphenous vein . 37

PAGE

malignant chondroid syringoma of the thigh, report of a case with electron microscopy of the tumour . . 43
mixed mesenchymal differentiation in meningiomas 253

VEIN(S), primary epithelial tumour in the right atrium of the heart and inferior vena cava in NZR/Gd inbred rats, pathology of 18 cases . . . 239
saphenous vein primary growth with unusual metastases to the thyroid gland and subcutaneous tissue . 37
VIRUS, INFECTIOUS HEPATITIS with intracytoplasmic cholestasis and cholesterol crystals in a drug addict . . . 47

INDEX OF AUTHORS

PAGE

ABBOTT, P. J., SEARLE, J., LAWSON, T. A., HARMON, B., and KERR, J. F. R., an electron-microscope study of the mode of cell death induced by cancer-chemotherapeutic agents in populations of proliferating normal and neoplastic cells 129

ADAMS, C. W. M., BAYLISS, O. B., and TURNER, D. R., phagocytes, lipid-removal and regression of atheroma . 225

APARICIO, S. R., DIXON, M. F., DIXON, BARBARA, and LONEY, D. P., experimental paracetamol-induced hepatic necrosis: a light- and electron-microscope and histochemical study . 17

BALL, J., COOK, T. A., LYNCH, P. G., and TIMPERLEY, W. R., mixed mesenchymal differentiation in meningiomas . . 253

BARRY, M., RISDON, R. A., and FLYNN, D. M., transfusional iron overload: the relationship between tissue iron concentration and hepatic fibrosis in thalassaemia 83

BASKERVILLE, A., JONES, ROSEMARY, and REID, LYNNE, histochemical identification of glycoproteins in pig bronchial epithelium: (*a*) normal and (*b*) hypertrophied from enzootic pneumonia . 1

BAYLISS, O. B., ADAMS, C. W. M., and TURNER, D. R., phagocytes, lipid-removal and regression of atheroma . 225

BREWER, D. B., and PINTO, J. A., combined light and electron-microscope morphometric studies of acute puromycin aminonucleoside nephropathy in rats 149

CAPASSO, F., DUNN, C. J., YAMAMOTO, S., WILLOUGHBY, D. A., and GIROUD, J. P., further studies on carrageenan-induced pleurisy in rats . . . 117

CHANG-LO, MARY, YAM, L. T., RUBENSTONE, A. I., and SCHWARTZ, S. O., Gaucher's disease associated with chronic lymphocytic leukaemia, gout and carcinoma 203

CHRISTIE, G. S., GOODALL, C. M., and HURLEY, J. V., primary epithelial tumour in the right atrium of the heart and inferior vena cava in NZR/Gd inbred rats; pathology of 18 cases . 239

COHEN, CYNTHIA, PROCTOR, N. S. F., RIPPEY, J. J., and SHULMAN, G., extramedullary plasmacytoma of the breast 97

COOK, T. A., BALL, J., LYNCH, P. G., and TIMPERLEY, W. R., mixed mesenchymal differentiation in meningiomas . . 253

COOP, R. L., MORGAN, K. T., and DOXEY, D. L., amprolium poisoning of pre-ruminant lambs: an investigation of the encephalopathy and the haemorrhagic and diarrhoeic syndromes . 73

CRUICKSHANK, B., SWINSON, D. R., TAM, C. S., REED, R., HOFFMAN, D., and LITTLE, A. H., bone growth kinetics IV: a preliminary investigation on a biorhythm in human osteogenesis . 13

DIXON, BARBARA, DIXON, M. F., APARICIO, S. R., and LONEY, D. P., experimental paracetamol-induced hepatic necrosis: a light- and electron-microscope and histochemical study . . . 17

DIXON, M. F., DIXON, BARBARA, APARICIO, S. R., and LONEY, D. P., experimental paracetamol-induced hepatic necrosis: a light- and electron-microscope and histochemical study . . . 17

DOXEY, D. L., MORGAN, K. T., and COOP, R. L., amprolium poisoning of pre-ruminant lambs: an investigation of the encephalopathy and the haemorrhagic and diarrhoeic syndromes . 73

DUNN, C. J., CAPASSO, F., YAMAMOTO, S., WILLOUGHBY, D. A., and GIROUD, J. P., further studies on carrageenan-induced pleurisy in rats . . . 117

DUNN, C. J., and WILLOUGHBY, D. A., the response of the newborn rat to injury. I. Vascular and humoral aspects . 165

DUNN, C. J., and WILLOUGHBY, D. A., the response of the newborn rat to injury. II. Histopathological aspects and mononuclear cell turnover . . 195

FLYNN, D. M., RISDON, R. A., and BARRY, M., transfusional iron overload: the relationship between tissue iron concentration and hepatic fibrosis in thalassaemia 83

FULTHORPE, J. J., and HUDGSON, P., the pathology of type II skeletal muscle glycogenosis. A light and electron-microscopic study 139

GIROUD, J. P., CAPASSO, F., DUNN, C. J., YAMAMOTO, S., and WILLOUGHBY, D. A., further studies on carrageenan-induced pleurisy in rats . . . 117

PAGE

GOODALL, C. M., CHRISTIE, G. S., and HURLEY, J. V., primary epithelial tumour in the right atrium of the heart and inferior vena cava in NZR/Gd inbred rats; pathology of 18 cases . 239

GREGORY, IRENE, WATT, J., and STELL, P. M., an alcian blue-phloxine method for the gross demonstration of squamous metaplasia in the larynx . 31

GROSS, E., and HORTON, M. A., leiomyosarcoma of the saphenous vein . 37

HARMON, B., SEARLE, J., LAWSON, T. A., ABBOTT, P. J., and KERR, J. F. R., an electron-microscope study of the mode of cell death induced by cancer-chemotherapeutic agents in populations of proliferating normal and neoplastic cells 129

HOFFMAN, D., SWINSON, D. R., TAM, C. S., REED, D., LITTLE, A. H., and CRUICKSHANK, B., bone growth kinetics IV: a preliminary investigation on a biorhythm in human osteogenesis . 13

HORTON, M. A., and GROSS, E., leiomyosarcoma of the saphenous vein . 37

HUDGSON, P., and FULTHORPE, J. J., the pathology of type II skeletal muscle glycogenosis. A light and electron-microscopic study 139

HURLEY, J. V., GOODALL, C. M., and CHRISTIE, G. S., primary epithelial tumour in the right atrium of the heart and inferior vena cava in NZR/Gd inbred rats; pathology of 18 cases . 239

JONES, GLENYS, a histochemical study of the liver lesion induced by 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (dioxin) in rats 101

JONES, ROSEMARY, BASKERVILLE, A., and REID, LYNNE, histochemical identification of glycoproteins in pig bronchial epithelium: (*a*) normal and (*b*) hypertrophied from enzootic pneumonia . 1

KELLY, D. F., neuroblastoma in the dog . 209

KERR, J. F. R., SEARLE, J., LAWSON, T. A., ABBOTT, P. J., and HARMON, B., an electron-microscope study of the mode of cell death induced by cancer-chemotherapeutic agents in populations of proliferating normal and neoplastic cells 129

LANTOS, P. L., macrophages in brain tumours induced transplacentally by N-ethyl-N-nitrosourea in rats: an electron-microscope study . . 107

PAGE

LAWSON, T. A., SEARLE, J., ABBOTT, P. J., HARMON, B., and KERR, J. F. R., an electron-microscope study of the mode of cell death induced by cancer-chemotherapeutic agents in populations of proliferating normal and neoplastic cells 129

LEVIJ, I. S., LIVNI, NELLY, and STEIGBUEGEL, D., viral hepatitis with intracytoplasmic cholestasis and cholesterol crystals in a drug addict . . . 47

LITTLE, A. H., SWINSON, D. R., TAM, C. S., REED, R., HOFFMAN, D., and CRUICKSHANK, B., bone growth kinetics IV: a preliminary investigation on a biorhythm in human osteogenesis . 13

LIVNI, NELLY, STEIGBUEGEL, D., and LEVIJ, I. S., viral hepatitis with intracytoplasmic cholestasis and cholesterol crystals in a drug addict . . . 47

LONEY, D. P., DIXON, M. F., DIXON, BARBARA, and APARICIO, S. R., experimental paracetamol-induced hepatic necrosis: a light- and electron-microscope and histochemical study . 17

LOVE, R. J., and ROTHWELL, T. L. W., studies of the responses of basophil and eosinophil leucocytes and mast cells to the nematode *Trichostrongylus colubriformis*. II. Changes in cell numbers following infection of thymectomised and adoptively or passively immunised guinea-pigs . 183

LYNCH, P. G., BALL, J., COOK, T. A., and TIMPERLEY, W. R., mixed mesenchymal differentiation in meningiomas . . 253

MORGAN, K. T., COOP, R. L., and DOXEY, D. L., amprolium poisoning of pre-ruminant lambs: an investigation of the encephalopathy and the haemorrhagic and diarrhoeic syndromes . 73

PAPADIMITRIOU, J. M., and WOODS, A. E., structural and functional characteristics of the microcirculation in neoplasms 65

PINTO, J. A., and BREWER, D. B., combined light and electron-microscope morphometric studies of acute puromycin aminonucleoside nephropathy in rats 149

PROCTOR, N. S. F., RIPPEY, J. J., SHULMAN, G., and COHEN, CYNTHIA, extramedullary plasmacytoma of the breast 97

REED, R., SWINSON, D. R., TAM, C. S., HOFFMAN, D., LITTLE, A. H., and CRUICKSHANK, B., bone growth kinetics IV: a preliminary investigation on a biorhythm in human osteogenesis 13

PAGE

REID, LYNNE, JONES, ROSEMARY, and BASKERVILLE, A., histochemical identification of glycoproteins in pig bronchial epithelium: (*a*) normal and (*b*) hypertrophied from enzootic pneumonia 1

RIPPEY, J. J., PROCTOR, N. S. F., SHULMAN, G., and COHEN, CYNTHIA, extramedullary plasmacytoma of the breast 97

RISDON, R. A., BARRY, M., and FLYNN, D. M., transfusional iron overload: the relationship between tissue iron concentration and hepatic fibrosis in thalassaemia 83

ROTHWELL, T. L. W., studies of the responses of basophil and eosinophil leucocytes and mast cells to the nematode *Trichostrongylus colubriformis*. I. Observations during the expulsion of first and second infections by guinea-pigs 51

ROTHWELL, T. L. W., and LOVE, R. J., studies of the responses of basophil and eosinophil leucocytes and mast cells to the nematode *Trichostrongylus colubriformis*. II. Changes in cell numbers following infection of thymectomised and adoptively or passively immunised guinea-pigs . 183

RUBENSTONE, A. I., CHANG-LO, MARY, YAM, L. T., and SCHWARTZ, S. O., Gaucher's disease associated with chronic lymphocytic leukaemia, gout and carcinoma 203

SCHWARTZ, S. O., CHANG-LO, MARY, YAM, L. T., and RUBENSTONE, A. I., Gaucher's disease associated with chronic lymphocytic leukaemia, gout and carcinoma 203

SEARLE, J., LAWSON, T. A., ABBOTT, P. J., HARMON, B., and KERR, J. F. R., an electron-microscopic study of the mode of cell death induced by cancer-chemotherapeutic agents in populations of proliferating normal and neoplastic cells 129

SHULMAN, G., PROCTOR, N. S. F., RIPPEY, J. J., and COHEN, CYNTHIA, extramedullary plasmacytoma of the breast 97

STEIGBUEGEL, D., LIVNI, NELLY, and LEVIJ, I. S., viral hepatitis with intracytoplasmic cholestasis and cholesterol crystals in a drug addict . 47

STELL, P. M., WATT, J., and GREGORY, IRENE, an alcian blue-phloxine method for the gross demonstration of squamous metaplasia in the larynx . 31

PAGE

STOTT, W. G., and WEBB, J. N., malignant chondroid syringoma of the thigh. Report of a case with electron microscopy of the tumour . . 43

SWINSON, D. R., TAM, C. S., REED, R., HOFFMAN, D., LITTLE, A. H., and CRUICKSHANK, B. bone growth kinetics IV: a preliminary investigation on a biorhythm in human osteogenesis . 13

TAM, C. S., SWINSON, D. R., REED, R., HOFFMAN, D., LITTLE, A. H., and CRUICKSHANK, B., bone growth kinetics IV: a preliminary investigation on a biorhythm in human osteogenesis 13

TIMPERLEY, W. R., BALL, J., COOK, T. A., and LYNCH, P. G., mixed mesenchymal differentiation in meningiomas . . 253

TURNER, D. R., ADAMS, C. W. M., and BAYLISS, O. B., phagocytes, lipid-removal and regression of atheroma . 225

WATT, J., GREGORY, IRENE, and STELL, P. M., an alcian blue-phloxine method for the gross demonstration of squamous metaplasia in the larynx . 31

WEBB, J. N., and STOTT, W. G., malignant chondroid syringoma of the thigh. Report of a case with electron microscopy of the tumour . . 43

WHITEHOUSE, W. J., scanning electron micrographs of cancellous bone from the human sternum . . . 213

WILLOUGHBY, D. A., CAPASSO, F., DUNN, C. J., YAMAMOTO, S., and GIROUD, J. P., further studies on carrageenan-induced pleurisy in rats . . . 117

WILLOUGHBY, D. A., and DUNN, C. J., the response of the newborn rat to injury. I. Vascular and humoral aspects . 165

WILLOUGHBY, D. A., and DUNN, C. J., the response of the newborn rat to injury. II. Histopathological aspects and mononuclear cell turnover . . 195

WOODS, A. E., and PAPADIMITRIOU, J. M., structural and functional characteristics of the microcirculation in neoplasms 65

YAM, L. T., CHANG-LO, MARY, RUBENSTONE, A. I., and SCHWARTZ, S. O., Gaucher's disease associated with chronic lymphocytic leukaemia, gout and carcinoma 203

YAMAMOTO, S., CAPASSO, F., DUNN, C. J., WILLOUGHBY, D. A., and GIROUD, J. P., further studies on carrageenan-induced pleurisy in rats . . . 117